

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	412	"29"/\$.ccls. and (chang-r\$.xa. or chang-r\$.xp.)	USPAT	OR	OFF	2006/11/30 08:35
S2	21	"29"/\$.ccls. and (chang-r\$.xa. or chang-r\$.xp.) and heater	USPAT	OR	ON	2006/11/30 08:36
S3	147	"29"/\$.ccls. and (chang-r\$.xa. or chang-r\$.xp.) and solder	USPAT	OR	ON	2006/11/30 08:36
S4	11	("4668581"   "5339519"   "5966805"   "5970608"   "H000487").PN. OR ("6055722").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/30 08:38
S5	14	("3751801"   "4236038"   "4668581"   "4775917"   "5041183"   "5045641"   "5084961"   "5316205"   "5357084"   "5361491"   "5379512"   "5489551"   "5601678").PN. OR ("5966805").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/30 08:42
S6	12	("4184729"   "4850883"   "5009605"   "5269453"   "5435732").PN. OR ("5970608").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/30 08:54
S7	3	("5673480"   "5970608"   "6226862").PN. OR ("6710252").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/30 08:56
S8	27	("2803731"   "3374531"   "4113981"   "4702785"   "4872934"   "4983804"   "5059756"   "5093545"   "5179777"   "5183969"   "5203075"   "5235741"   "5288959"   "5357084"   "5590460"   "5799392"   "5873161").PN. OR ("6226862").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/30 09:00
S9	3	("20030079341" "6449836" "6784375").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/30 09:00
S10	15	("20020014518"   "4164071"   "4679122"   "4735847"   "5084961"   "5221417"   "5669548"   "5799392"   "5935475"   "6143116"   "6218030"   "6226862").PN. OR ("6449836").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/30 09:01
S11	27	("3375297"   "3954710"   "3983093"   "4087300"   "4336100"   "4353954"   "4377652"   "4470944").PN. OR ("4679122").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/30 09:03
S12	1	("2003/0079341").URPN.	USPAT	OR	OFF	2006/11/30 09:13

## EAST Search History

S13	201	(totani.in. or higashida.in.)	USPAT	OR	OFF	2006/11/30 09:47
S14	1	("6,794,581").PN.	USPAT	OR	OFF	2006/12/04 07:35
S15	1	("7,080,445").PN.	USPAT	OR	OFF	2006/12/04 13:38
S16	1	("5887344").PN.	USPAT	OR	OFF	2006/12/04 10:04
S17	0	"7,080,445".pn. and electrode	USPAT	OR	ON	2006/12/04 13:39
S18	1	"7,080,445".pn. and air	USPAT	OR	ON	2006/12/04 14:07
S21	15	"29"/\$.ccls. and (heater same electrode) and fan	USPAT	OR	ON	2006/12/04 13:42
S22	12	"29"/\$.ccls. and (heater with electrode) and fan	USPAT	OR	ON	2006/12/04 13:47
S23	7	"29"/\$.ccls. and (heater with conductor) and fan	USPAT	OR	ON	2006/12/04 13:48
S24	2	"228"/\$.ccls. and (heater with conductor) and fan	USPAT	OR	ON	2006/12/04 13:49
S25	208	"228"/\$.ccls. and heater and fan	USPAT	OR	ON	2006/12/04 13:49
S26	15	"228"/\$.ccls. and ((thermo-compression) or thermocompression) and fan	USPAT	OR	ON	2006/12/04 13:52
S27	36	"29"/\$.ccls. and ((thermo-compression) or thermocompression) and fan	USPAT	OR	ON	2006/12/04 13:54
S28	83	"29"/\$.ccls. and (heater same fan)	USPAT	OR	ON	2006/12/04 14:01
S29	33	(electric same heater same heat same sink same fan)	USPAT	OR	ON	2006/12/04 14:21
S30	14	"29"/\$.ccls. and (electric same heater same fan)	USPAT	OR	ON	2006/12/04 14:24
S31	1	"7,080,445".pn. and "31"	USPAT	OR	ON	2006/12/04 14:07
S32	123	"29"/\$.ccls. and (heat same sink same fan)	USPAT	OR	ON	2006/12/04 14:21
S33	13	"29"/\$.ccls. and (electric same heater same table)	USPAT	OR	ON	2006/12/04 14:27
S34	14	"228"/\$.ccls. and (electric same heater same table)	USPAT	OR	ON	2006/12/04 14:27